

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-05 Station: 6 Event #: 58 Vessel: VECTOR UTC Date (dd|mmm|yyyy): | |

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	14PLC								
1		145	6-5	✓	187	X	XX										
2		146	175	✓	175	1	1	X									
3		147	150	✓	150												
4		148	125	✓	125	XX											
5		149	100	✓	100												
6		150	75	✓	75												
7		151	50	✓	50												
8		152	40	✓	40		XX										
9		153	30	✓	30												
10		154	20	✓	20				X								
11		155	10	✓	10				X								
12		156	5	✓	5												
13		157	0	✓	1.6	XX	X		XX	XX							
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
Ros (default) | TrMetIRos | X-Niskin
Watchkeeper(s):

Bottom Depth: m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	20:29	12:29
Bottom (BO)	20:32	12:32
End (EN)	:	:

Positional Information

Lat:	49° 30' . 592	N
Lon:	124° 27' . 826	W

Start

Bottom

Lat:	49° 30' . 598	N
Lon:	124° 27' . 814	W

Bottom

Finish

Lat:	49° .	N
Lon:	124° .	W

Finish

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-05 Station: 9 Event #: 62 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 4 | FEB | 2018

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a										
1		158	6-5	✓	163	xx	x											
2		159	150	✓	150			x										
3		160	125	✓	125													
4		161	100	✓	100													
5		162	75	✓	75	xx												
6		163	50	✓	50													
7		164	40	✓	40		xx											
8		165	30	✓	30													
9		166	20	✓	20			xx										
10		167	10	✓	10			x										
11		168	5	✓	5													
12		169	0	✓	1.4	x	xx	x	xx									
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
RDNLPSP

Bottom Depth: 168 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 23:12 15:12
Bottom (BO) 23:15 15:15
End (EN) 23:25 15:25

Positional Information
Start Lat: 49° 35' . 490 N
Lon: 124° 38' . 262 W
Bottom Lat: 49° 35' . 468 N
Lon: 124° 38' . 297 W
Finish Lat: 49° 35' . 491 N
Lon: 124° 38' . 329 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-05 Station: 12 Event #: 67 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 5 | FEB | 2018

Bottles & Samples			Rosette Operation			Samples Taken (↓ write samplers' initials under each sample type)												Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a	HLR	DA	Phyto	DIC						
1		170	6-5	✓	350	X	X					X						
2		171	300	✓	300			X										
3		172	250	✓	250							X						
4		173	200	✓	200		XX					X						
5		174	175	✓	175													
6		175	150	✓	150							XX						
7		176	125	✓	125	XX						X						
8		177	100	✓	100							X						
9		178	75	✓	75	XX						X						
10		179	50	✓	50							XX						
11		180	40	✓	40							X						
12		181	30	✓	30							X						
13		182	20	✓	20		XX	X				X						
14		183	10	✓	10			X				X						
15		184	5	✓	5							X						
16		185	0	✓	1.8	X	X					X						
17		186	0	✓	1.8			XX	XX	X	X							
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):
P. S. R. W. N. L. P.

Bottom Depth: 357 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	02 : 26	18 : 26
Bottom (BO)	02 : 33	18 : 33
End (EN)	02 : 47	18 : 47

Positional Information

Start

Lat: 49 ° 43 . 588 N

Lon: 124 ° 40 . 692 W

Bottom

Lat: 49 ° 43 . 578 N

Lon: 124 ° 40 . 723 W

Finish

Lat: 49 ° 43 . 554 N

Lon: 124 ° 40 . 822 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-05 Station: 14 Event #: 71 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 5 | FEB | 2018

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments	
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	NPIC	DA	Phyto					
1		187	5-5	✓ 310	X	X										
2		188	250	✓ 250			X									
3		189	200	✓ 200												
4		190	175	✓ 175		XX										
5		191	150	✓ 150												
6		192	125	✓ 125												
7		193	100	✓ 100	XX											
8		194	75	✓ 75												
9		195	50	✓ 50												
10		196	40	✓ 40		XX										
11		197	30	✓ 30												
12		198	20	✓ 20				XX								
13		199	10	✓ 10				X								
14		200	5	✓ 5	XX											
15		201	0	✓ 1.7	X	X		X	XX	X	X					
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
PCN LRSR

Bottom Depth: 315 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 05:52 21:52
Bottom (BO) 05:57 21:57
End (EN) 06:13 22:13

Positional Information
Start Lat: 49° 53' . 014 N
Lon: 124° 59' . 598 W
Bottom Lat: 49° 53' . 008 N
Lon: 124° 59' . 590 W
Finish Lat: 49° 53' . 026 N
Lon: 124° 59' . 561 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-05 Station: QU39 Event #: 74 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 5 Feb 2018

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a	HPLC								
1		202	20			XX		X									
2		203	10			X		XX									
3		204	0			X		X	XX								
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
SR

Bottom Depth: 273 m
Transmisso Cleaned: Y N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 07:55 23:55
Bottom (BO) 08:00 :
End (EN) 08:07 :

Positional Information
Start Lat: 50° 1.844 N
Lon: 125° 5.502 W
Bottom Lat: 50° 1.858 N
Lon: 125° 5.496 W
Finish Lat: 50° 1.864 N
Lon: 125° 5.470 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-05

Station: 16

Event #: 75

Vessel: Vector

UTC Date (dd|mmm|yyyy): 5 Feb 2018

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments		
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	HPLC	DIC							
1		205	B-5	/						X							
2		206	125	/			X			XX							
3		207	100	/						X							
4		208	75	/		XX				X							
5		209	50	/	XX					X							
6		210	40	/						X							
7		211	30	/						XX							
8		212	20	/	XX			XX		X							
9		213	10	/		XX		X		X							-HPLC drawn here
10		214	5	/						X							
11		215	0	/				X	XX	X							DID NOT FIRE
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
☒ Ros (default) ☐ TrMetIRos ☐ X-Niskin
 Watchkeeper(s):
80

Bottom Depth: 154 m
 Transmisso Cleaned: ☒ Y ☐ N
 Fluorometer Cleaned: ☐ Y ☐ N

Time	UTC	Local
Start (BE)	08:44	00:44
Bottom (BO)	08:48	:
End (EN)	09:00	:

Positional Information

Start	Lat: <u>49° 57.714</u> N
	Lon: <u>125° 08.771</u> W

Bottom

	Lat: <u>49° 57.715</u> N
	Lon: <u>125° 08.764</u> W

Finish

	Lat: <u>49° 57.712</u> N
	Lon: <u>125° 08.789</u> W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-05 Station: 72 Event #: 83 Vessel: Vector UTC Date (dd|mmm|yyyy): 05 | Feb | 2018

Bottles & Samples			Rosette Operation			Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a	H01E	DA	Phyto								
1		216	20				X		XX										
2		217	10				XX		X										
3		218	0				X		X	XX	X	X							
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			

Profile type:
Ros (default) | TrMetlRos | X-Niskin

Watchkeeper(s):

SR

Bottom Depth: 355 m

Transmisso Cleaned: Y / N

Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	18:50	10:50
Bottom (BO)	18:56	:
End (EN)	19:04	:

Positional Information

StartLat: 47° 40.184 N
Lon: 124° 16.330 W

BottomLat: 49° 40.181 N
Lon: 124° 16.324 W

FinishLat: 49° 40.177 N
Lon: 124° 16.327 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-05 Station: VAN1 Event #: 95 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 6 | FEB | 2018

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)													Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed ✓ Pressure	Oxy	Nut	Sal	Chl a	MP2C	DA	Phyto	DIC	Part					
1		219	6-5	✓ 109	X	XX						X						
2		220	100	✓ 100	1		X					1						
3		221	75	✓ 75	XX							1						
4		222	50	✓ 50								XX						
5		223	40	✓ 40								1						
6		224	30	✓ 30								1						
7		225	20	✓ 20				X				XX						
8		226	10	✓ 10				XX				1						
9		227	5	✓ 5								1						
10		228	0	✓ 1.7	X	X		X	XX	X	X	X						
11		229	0	✓ 1.7									XXX					
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
PENNLPSR

Bottom Depth: 115 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 05:07 21:07
Bottom (BO) 05:09 21:09
End (EN) 05:18 21:18

Positional Information
Start Lat: 49° 18' .902 N
Lon: 123° 15' .877 W
Bottom Lat: 49° 18' .905 N
Lon: 123° 15' .881 W
Finish Lat: 49° 18' .913 N
Lon: 123° 15' .870 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-05 Station: VAN4 Event #: 96 Vessel: VECTOR UTC Date (dd|mmm|yyyy): 6 Feb 2018

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	WPC	DA	Phylo	DIC					
1		230	5-5	✓ 54													
2		231	50				X										
3		232	40														
4		233	30			XX											
5		234	20		XX			XX				XX					
6		235	10					X									
7		236	5														
8		237	0					X	XX	X	X						
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
SR

Bottom Depth: 58 m
Transmisso Cleaned: Y | N
Fluorometer Cleaned: Y | N
Time UTC Local
Start (BE) 15:42 07:42
Bottom (BO) 15: :
End (EN) : :

Positional Information
Start
Lat: 49° 17.911 N
Lon: 123° 5.797 W
Bottom
Lat: 49° 17.918 N
Lon: 123° 5.794 W
Finish
Lat: 49° 17.914 N
Lon: 123° 5.788 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-05 Station: Van 5 Event #: 97 Vessel: Vector UTC Date (dd|mmm|yyyy): 6 | FEB | 2018

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)										Comments	
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	MP	MP	MP	MP	MP	MP		
1		238	B-5	✓ 33	X	X					X					
2		239	30	✓	XX		X				X					
3		240	20	✓				X			X					
4		241	10	✓		XX		X			XX					
5		242	5	✓							X					
6		243	0	✓	X	X		XX	XX		X					
7		244	0	✓								XXX				
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):
SR

Bottom Depth: 38 m
Transmisso Cleaned: (Y) / N
Fluorometer Cleaned: Y / N
Time UTC Local
Start (BE) 16:23 08:23
Bottom (BO) 16:25 :
End (EN) 16:30 :

Positional Information
Start Lat: 49 ° 17.713 N
Lon: 123 ° 3.332 W
Bottom Lat: 49 ° 17.712 N
Lon: 123 ° 3.334 W
Finish Lat: 49 ° 17.708 N
Lon: 123 ° 3.326 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-05 Station: Van 6 Event #: 100 Vessel: Vedar

UTC Date (dd|mmm|yyyy): 6 Feb 2018

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments	
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure ✓	Oxy	Nut	Sal	Chl a	DIC	DA	Phyto							
1		245	B-5	✓	49	↓	↓			X								
2		246	50	✓	49	↓	↓	X		X								
3		247	40			XX	↓											
4		248	30			↓	↓			XX								
5		249	20				XX		X	X								
6		250	10			↓	↓		X	X								
7		251	5			↓	↓			X								
8		252	0			↓	↓		XX	X	X	X						
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Profile type:
☒ Ros (default) | ☐ TrMetlRos | ☐ X-Niskin
Watchkeeper(s):
SR

Bottom Depth: 53 m
Transmisso Cleaned: ☒ Y / ☐ N
Fluorometer Cleaned: ☐ Y / ☐ N

Time	UTC	Local
Start (BE)	17:38	09:38
Bottom (BO)	17:40	:
End (EN)	17:47	:

Positional Information
Start
Lat: 49° 17.956 N
Lon: 122° 58.987 W

Bottom
Lat: 49° 17.948 N
Lon: 122° 59.000 W

Finish
Lat: 49° 17.932 N
Lon: 122° 59.047 W

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)

Water Properties Group

Sampling/Rosette Log

Institute of Ocean Sciences, Ocean Sciences Division

Cruise ID: 2018-05 Station: 1N158 Event #: 104 Vessel: UTC Date (dd|mmm|yyyy): 6 | FEB | 2018

Bottles & Samples			Rosette Operation		Samples Taken (↓ write samplers' initials under each sample type)												Comments
Niskin #	Firing #	Sample #	Target Pressure	Confirmed Pressure	Oxy	Nut	Sal	Chl a	DIC								
1		260	55	✓ 36	X	X			X								not sampled
2		261	50	✓ 36	X	1	X		XX								think DIC dup
3		262	40	✓ 36	XX				X								was done on BOT3
4		263	30	✓ 30	1	XY			X								not BOT 2
5		264	20	✓ 20	1			X	X								
6		265	10	✓ 10	1			XX	XY								
7		266	5	✓ 5	1				X								
8		267	0	✓ 1.6	X	X		XX	X								
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Profile type:
Ros (default) | TrMetlRos | X-Niskin
Watchkeeper(s):

Bottom Depth: 37 m
Transmisso Cleaned: Y / N
Fluorometer Cleaned: Y / N

Time	UTC	Local
Start (BE)	20 : 09	13 : 09
Bottom (BO)	20 : 11	13 : 11
End (EN)	20 : 15	13 : 15

Positional Information

Lat:	49 ° 26 . 507	N
Lon:	122 ° 52 . 600	W

Start

Lat:	49 ° 26 . 507	N
Lon:	122 ° 52 . 600	W

Bottom

Lat:	49 ° 26 . 502	N
Lon:	122 ° 52 . 592	W

Finish

Extra comments: (e.g., DMS cast, PAR on, Heavy Rain, Niskins out of order, etc)